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JUL 31 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Trudy L. Benjamin et al. Examiner: Laura E. Martin  
Serial No.: 10/827,045 Group Art Unit: 2853  
Filed: April 14, 2004 Docket No.: 200311485-1  
Title: DEVICE WITH GATES CONFIGURED IN LOOP STRUCTURES

**CERTIFICATE OF TRANSMISSION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the following paper(s) are being facsimile transmitted to the U.S. Patent and Trademark Office, Fax. No. (571) 273-8300 on the date shown below:

Transmittal Letter for Response/Amendment (1 page)  
Response (12 pages)

Date: 7-31-06

PGB bc

By: 

Name: Patrick G. Billig (Reg. No. 38,080)

14 Pages (including cover page)

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200311485-1

Inventor(s): Trudy L. Benjamin et al.

Confirmation No.: 2390

Application No.: 10/827,045

Examiner: Laura E. Martin

Filing Date: April 14, 2004

Group Art Unit: 2853

Title: **DEVICE WITH GATES CONFIGURED IN LOOP STRUCTURES**

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee  
☐ Other

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	44	MINUS	44	= 0	X \$50	\$ 0
INDEP. CLAIMS	7	MINUS	7	= 0	X \$200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this paper is being  
transmitted to the Patent and Trademark Office  
facsimile number (571) 273-8300.  
Date of facsimile: July 31, 2006

Typed Name: Patrick G. Billig

Signature: 

Respectfully submitted,

Trudy L. Benjamin et al.

By 

Patrick G. Billig

Attorney/Agent for Applicant(s)

Reg No. : 38,080

Date : July 31, 2006

Telephone : (612) 573-2003

Rev 10/06 (TransAmndFax)

**JUL 31 2006**

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Title: DEVICE WITH GATES CONFIGURED IN LOOP STRUCTURES

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

This Response is in reply to the Non-Final Office Action mailed May 2, 2006. The following pending claims are not amended.